Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 29 Dec 2020 until 23:59 on Wednesday 30 Dec 2020

Forecast Issued on Tuesday 29 Dec 2020 at 02:48

Confidence: High for remaining cold but lower with regard to details for cloud and any snow showers, especially with regard to risk of more persistent snow later Wednesday and on Thursday.

Headline for Tuesday 29 Dec 2020: A few early snow showers then mainly dry with sunny spells. Cold but northerly winds easing.

Mountain weather hazards on Tuesday 29 Dec 2020

Blizzards No Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Light snow	Partly cloudy (night)	Clear night	Clear night
Precipitation probability					
40%	30%	20%	10%	<05%	<05%

Forecast for Tuesday 29 Dec 2020

Weather: Snow showers, occasionally heavy at first. Any snow showers soon dying out to leave a bright day with some good spells of sunshine. Remaining dry through the evening with clear spells.

Chance of cloud free mountain/hill tops above 600m: Close to zero at first with periods or persistent above about 450m improving to 40% through the morning with cloud becoming occasional or periods above 600m rising close to 100% by dusk with little or no cloud expected below the summits.

Visibility: Very good, temporarily falling to just a few kilometres in snow showers and perhaps less than a kilometre in any heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 29 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 NW	15/21 NE	17/23 N	12/19 N	10/16 W	11/17 W	12/17 W
300	7/9 W	7/11 NE	10/15 N	6/11 N	6/10 W	7/11 W	8/11 SW
Valley	2/9 W	6/17 N	8/19 N	7/17 N	4/9 NW	2/8 SW	3/8 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-6	-1/-7	-0/-7	-0/-6	-1/-6	-2/-7	-2/-8
300	-0/-4	0/-3	2/-2	2/-1	1/-3	-0/-4	-0/-4
Valley	-0/-2	0/-3	2/-1	2/-1	0/-2	-2/-4	-1/-3
Freezing Level*	100m	300m	500m	600m	400m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures around minus 1 or 2 Celsius at first. Significant chill at all levels throughout.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 29 Dec 2020	0.2mm	2mm	27.4mm

Forecast for Wednesday 30 Dec 2020

Weather: Becoming rather cloudy overnight with perhaps the odd light snow shower in the west. Then a rather cloudy day with one or two light snow showers and only limited sunny spells, these mainly across the south. Risk of showers becoming more frequent, and a little heavier during the evening.

Maximum wind: Northwesterly 10-15mph gradually decreasing less than 10mph.

Chance of cloud free mountain/hill tops above 600m: Around 40% with occasional or periods above 600m, but nearer 75% over southern hills with cloud more occasional.

Visibility: Good or very good falling to just a few kilometres in snow showers and perhaps less than a kilometre during the evening.

Temperature: **Valleys:** Around minus 2 or 3 Celsius overnight rising to 3 or 4 Celsius by day
At 600m: Around minus 3 Celsius
Freezing level: Around 300m.

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